



3

**COMBINED DECLARATION AND POWER OF ATTORNEY  
FOR PATENT APPLICATION**

As a below-named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if several names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**METHOD, SYSTEM AND APPARATUS FOR COOLING HIGH POWER DENSITY DEVICES**

- ☐ the specification of which is attached hereto OR  
☒ was filed on December 6, 2002 as Application Serial No. 10/065,985  
☐ or PCT International Application Number \_\_\_\_\_ and was amended on \_\_\_\_\_  
(if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with 37 CFR §1.56.

I hereby claim foreign priority benefits under 35 U.S.C. §119 (a)-(d) or (f) or 365(b) of any foreign application(s) for patent or inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below, and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed:

COUNTRY	APPLICATION NUMBER	DATE OF FILING (day, month, year)	PRIORITY CLAIMED	CERTIFIED COPY ATTACHED
				<input type="checkbox"/> Yes <input type="checkbox"/> No
				<input type="checkbox"/> Yes <input type="checkbox"/> No
				<input type="checkbox"/> Yes <input type="checkbox"/> No

I hereby claim the benefit under 35 U.S.C. §120 of any United States application(s), or 365(c) of any PCT International application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of 35 U.S.C. §112, I acknowledge the duty to disclose material information as defined in 37 CFR §1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

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As a named inventor, I hereby appoint Practitioners at Customer Number 23413; Christian G. Cabou (Reg. No. 35,467, Jill M. Breedlove (Reg. No. 32,684), Donald S. Ingraham (Reg. No. 33,714), Noreen C. Johnson (Reg. No. 38,929), Patrick K. Patnode (Reg. No. 40,121) and Ann Agosti (37,372), all of General Electric Company, One Research Circle, Bldg. K-1, Niskayuna, NY 12309; Ronald E. Myrick (Reg. No. 26,315), Henry J. Policinski, (Reg. No. 26, 621); Scott R. Hayden, (Reg. No. 41,821) and Catherine Winter, (Reg. No. 38,364) all of General Electric Company, 3135 Easton Turnpike, Fairfield, CT 06431-0001, jointly, and each of them severally, my/our attorney(s) or agents(s), with full power of substitution, delegation and revocation, to prosecute this application, to make alterations and amendments therein, to receive the patent and to transact all business in the Patent and Trademark Office connected therewith.

I hereby direct that all correspondence and telephone calls in connection with this application be addressed to Customer No. 23413, Cantor Colburn LLP, 55 Griffin Road South, Bloomfield, CT 06002, Telephone No. (860) 286-2929.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further, statements were made with the knowledge that willfully false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. §1001 and that all such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first joint inventor: Michael Bowman

Inventor's signature: Michael Bowman Date: 1/21/03

Residence: 1073 Mohawk Road, Niskayuna, New York 12309

Citizenship: USA

Post Office Address: 1073 Mohawk Road, Niskayuna, New York 12309

Full name of second joint inventor: Mehmet Arik

Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_

Residence: 1365 Van Antwerp Road, Apt. A-6, Niskayuna, New York 12309

Citizenship: USA

Post Office Address: 1365 Van Antwerp Road, Apt. A-6, Niskayuna, New York 12309

Full name of third joint inventor: Chellappa Balan

Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_

Residence: 1012 Northwood Court, Niskayuna, New York 12309

Citizenship: USA

Post Office Address: 1012 Northwood Court, Niskayuna, New York 12309

Full name of fourth joint inventor: Warren Bessler

Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_

Residence: 1528 Division Street Road, #3, Amsterdam, New York 12010

Citizenship: USA

Post Office Address: 1528 Division Street Road, #3, Amsterdam, New York 12010

Full name of fifth joint inventor: Ronald Bunker

Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_

Residence: 1372 Clifton Park Road, Niskayuna, New York 12309

Citizenship: USA

Post Office Address: 1372 Clifton Park Road, Niskayuna, New York 12309

Full name of sixth joint inventor: Charles Byrd

Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_

Residence: 730 Bair Island Road, #302, Redwood City, California 94063

Citizenship: USA

Post Office Address: 730 Bair Island Road, #302, Redwood City, California 94063

Full name of seventh joint inventor: William Gerstler

Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_

Residence: 833 Red Oak Drive, Niskayuna, New York 12309

Citizenship: USA

Post Office Address: 833 Red Oak Drive, Niskayuna, New York 12309

Full name of eighth joint inventor: Nirm Nirmalan

Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_

Residence: 120 Denise Drive, Niskayuna, New York 12309

Citizenship: USA

Post Office Address: 120 Denise Drive, Niskayuna, New York 12309

Full name of ninth joint inventor: Daniel Smith

Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_

Residence: 485 Sweetman Road, Ballston Spa, New York 12020

Citizenship: USA

Post Office Address: 485 Sweetman Road, Ballston Spa, New York 12020

Full name of tenth joint inventor: Todd Wetzel

Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_

Residence: 9 Riverdale Road, Niskayuna, New York 12309

Citizenship: USA

Post Office Address: 9 Riverdale Road, Niskayuna, New York 12309

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Full name of sole or first joint inventor: Michael Bowman

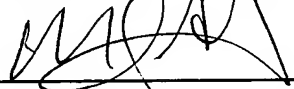
Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_

Residence: 1073 Mohawk Road, Niskayuna, New York 12309

Citizenship: USA

Post Office Address: 1073 Mohawk Road, Niskayuna, New York 12309

Full name of second joint inventor: Mehmet Arik

Inventor's signature:  Date: January 2, 2003

Residence: 1365 Van Antwerp Road, Apt. A-6, Niskayuna, New York 12309

Citizenship: ~~USA~~ <sup>M.A</sup> TURKEY

Post Office Address: 1365 Van Antwerp Road, Apt. A-6, Niskayuna, New York 12309

Full name of third joint inventor: Chellappa Balan

Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_

Residence: 1012 Northwood Court, Niskayuna, New York 12309

Citizenship: USA

Post Office Address: 1012 Northwood Court, Niskayuna, New York 12309

Full name of fourth joint inventor: Warren Bessler

Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_

Residence: 1528 Division Street Road, #3, Amsterdam, New York 12010

Citizenship: USA

Post Office Address: 1528 Division Street Road, #3, Amsterdam, New York 12010

Full name of fifth joint inventor: Ronald Bunker

Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_

Residence: 1372 Clifton Park Road, Niskayuna, New York 12309

Citizenship: USA

Post Office Address: 1372 Clifton Park Road, Niskayuna, New York 12309

Full name of sixth joint inventor: Charles Byrd

Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_

Residence: 730 Bair Island Road, #302, Redwood City, California 94063

Citizenship: USA

Post Office Address: 730 Bair Island Road, #302, Redwood City, California 94063

Full name of seventh joint inventor: William Gerstler

Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_

Residence: 833 Red Oak Drive, Niskayuna, New York 12309

Citizenship: USA

Post Office Address: 833 Red Oak Drive, Niskayuna, New York 12309

Full name of eighth joint inventor: Nirm Nirmalan

Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_

Residence: 120 Denise Drive, Niskayuna, New York 12309

Citizenship: USA

Post Office Address: 120 Denise Drive, Niskayuna, New York 12309

Full name of ninth joint inventor: Daniel Smith

Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_

Residence: 485 Sweetman Road, Ballston Spa, New York 12020

Citizenship: USA

Post Office Address: 485 Sweetman Road, Ballston Spa, New York 12020

Full name of tenth joint inventor: Todd Wetzel

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Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_

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Citizenship: USA

Post Office Address: 1073 Mohawk Road, Niskayuna, New York 12309

Full name of second joint inventor: Mehmet Arik

Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_

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Citizenship: USA

Post Office Address: 1365 Van Antwerp Road, Apt. A-6, Niskayuna, New York 12309

Full name of third joint inventor: Chellappa Balan

Inventor's signature: Chellappa Balan Date: 1-08-2003

Residence: 1012 Northwood Court, Niskayuna, New York 12309

Citizenship: USA

Post Office Address: 1012 Northwood Court, Niskayuna, New York 12309

Full name of fourth joint inventor: Warren Bessler

Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_

Residence: 1528 Division Street Road, #3, Amsterdam, New York 12010

Citizenship: USA

Post Office Address: 1528 Division Street Road, #3, Amsterdam, New York 12010

Full name of fifth joint inventor: Ronald Bunker

Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_

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Citizenship: USA

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Full name of sixth joint inventor: Charles Byrd

Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_

Residence: 730 Bair Island Road, #302, Redwood City, California 94063

Citizenship: USA

Post Office Address: 730 Bair Island Road, #302, Redwood City, California 94063

Full name of seventh joint inventor: William Gerstler

Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_

Residence: 833 Red Oak Drive, Niskayuna, New York 12309

Citizenship: USA

Post Office Address: 833 Red Oak Drive, Niskayuna, New York 12309

Full name of eighth joint inventor: Nirm Nirmalan

Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_

Residence: 120 Denise Drive, Niskayuna, New York 12309

Citizenship: USA

Post Office Address: 120 Denise Drive, Niskayuna, New York 12309

Full name of ninth joint inventor: Daniel Smith

Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_

Residence: 485 Sweetman Road, Ballston Spa, New York 12020

Citizenship: USA

Post Office Address: 485 Sweetman Road, Ballston Spa, New York 12020

Full name of tenth joint inventor: Todd Wetzel

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Citizenship: USA

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Full name of fourth joint inventor: Warren Bessler

Inventor's signature: Warren Bessler Date: 12/30/2002

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Citizenship: USA

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Full name of tenth joint inventor: Todd Wetzel

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				<input type="checkbox"/> Yes <input type="checkbox"/> No
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				<input type="checkbox"/> Yes <input type="checkbox"/> No

I hereby claim the benefit under 35 U.S.C. §120 of any United States application(s), or 365(c) of any PCT International application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of 35 U.S.C. §112, I acknowledge the duty to disclose material information as defined in 37 CFR §1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

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Full name of sole or first joint inventor: Michael Bowman

Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_

Residence: 1073 Mohawk Road, Niskayuna, New York 12309

Citizenship: USA

Post Office Address: 1073 Mohawk Road, Niskayuna, New York 12309

Full name of second joint inventor: Mehmet Arik

Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_

Residence: 1365 Van Antwerp Road, Apt. A-6, Niskayuna, New York 12309

Citizenship: USA

Post Office Address: 1365 Van Antwerp Road, Apt. A-6, Niskayuna, New York 12309

Full name of third joint inventor: Chellappa Balan

Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_

Residence: 1012 Northwood Court, Niskayuna, New York 12309

Citizenship: USA

Post Office Address: 1012 Northwood Court, Niskayuna, New York 12309

Full name of fourth joint inventor: Warren Bessler

Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_

Residence: 1528 Division Street Road, #3, Amsterdam, New York 12010

Citizenship: USA

Post Office Address: 1528 Division Street Road, #3, Amsterdam, New York 12010

Full name of fifth joint inventor: Ronald Bunker

Inventor's signature: Ronald Scott Bunker Date: 31 Dec. 2002

Residence: 1372 Clifton Park Road, Niskayuna, New York 12309

Citizenship: USA

Post Office Address: 1372 Clifton Park Road, Niskayuna, New York 12309

Full name of sixth joint inventor: Charles Byrd

Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_

Residence: 730 Bair Island Road, #302, Redwood City, California 94063

Citizenship: USA

Post Office Address: 730 Bair Island Road, #302, Redwood City, California 94063

Full name of seventh joint inventor: William Gerstler

Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_

Residence: 833 Red Oak Drive, Niskayuna, New York 12309

Citizenship: USA

Post Office Address: 833 Red Oak Drive, Niskayuna, New York 12309

Full name of eighth joint inventor: Nirm Nirmalan

Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_

Residence: 120 Denise Drive, Niskayuna, New York 12309

Citizenship: USA

Post Office Address: 120 Denise Drive, Niskayuna, New York 12309

Full name of ninth joint inventor: Daniel Smith

Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_

Residence: 485 Sweetman Road, Ballston Spa, New York 12020

Citizenship: USA

Post Office Address: 485 Sweetman Road, Ballston Spa, New York 12020

Full name of tenth joint inventor: Todd Wetzel

Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_

Residence: 9 Riverdale Road, Niskayuna, New York 12309

Citizenship: USA

Post Office Address: 9 Riverdale Road, Niskayuna, New York 12309

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Full name of sole or first joint inventor: Michael Bowman

Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_

Residence: 1073 Mohawk Road, Niskayuna, New York 12309

Citizenship: USA

Post Office Address: 1073 Mohawk Road, Niskayuna, New York 12309

Full name of second joint inventor: Mehmet Arik

Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_

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Citizenship: USA

Post Office Address: 1365 Van Antwerp Road, Apt. A-6, Niskayuna, New York 12309

Full name of third joint inventor: Chellappa Balan

Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_

Residence: 1012 Northwood Court, Niskayuna, New York 12309

Citizenship: USA

Post Office Address: 1012 Northwood Court, Niskayuna, New York 12309

Full name of fourth joint inventor: Warren Bessler

Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_

Residence: 1528 Division Street Road, #3, Amsterdam, New York 12010

Citizenship: USA

Post Office Address: 1528 Division Street Road, #3, Amsterdam, New York 12010

Full name of fifth joint inventor: Ronald Bunker

Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_

Residence: 1372 Clifton Park Road, Niskayuna, New York 12309

Citizenship: USA

Post Office Address: 1372 Clifton Park Road, Niskayuna, New York 12309

Full name of sixth joint inventor: Charles Byrd

Inventor's signature: Charles Byrd Date: Feb 1, 03

Residence: 730 Bair Island Road, #302, Redwood City, California 94063

Citizenship: USA

Post Office Address: 730 Bair Island Road, #302, Redwood City, California 94063

Full name of seventh joint inventor: William Gerstler

Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_

Residence: 833 Red Oak Drive, Niskayuna, New York 12309

Citizenship: USA

Post Office Address: 833 Red Oak Drive, Niskayuna, New York 12309

Full name of eighth joint inventor: Nirm Nirmalan

Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_

Residence: 120 Denise Drive, Niskayuna, New York 12309

Citizenship: USA

Post Office Address: 120 Denise Drive, Niskayuna, New York 12309

Full name of ninth joint inventor: Daniel Smith

Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_

Residence: 485 Sweetman Road, Ballston Spa, New York 12020

Citizenship: USA

Post Office Address: 485 Sweetman Road, Ballston Spa, New York 12020

Full name of tenth joint inventor: Todd Wetzel

Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_

Residence: 9 Riverdale Road, Niskayuna, New York 12309

Citizenship: USA

Post Office Address: 9 Riverdale Road, Niskayuna, New York 12309





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Full name of sole or first joint inventor: Michael Bowman

Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_

Residence: 1073 Mohawk Road, Niskayuna, New York 12309

Citizenship: USA

Post Office Address: 1073 Mohawk Road, Niskayuna, New York 12309

Full name of second joint inventor: Mehmet Arik

Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_

Residence: 1365 Van Antwerp Road, Apt. A-6, Niskayuna, New York 12309

Citizenship: USA

Post Office Address: 1365 Van Antwerp Road, Apt. A-6, Niskayuna, New York 12309

Full name of third joint inventor: Chellappa Balan

Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_

Residence: 1012 Northwood Court, Niskayuna, New York 12309

Citizenship: USA

Post Office Address: 1012 Northwood Court, Niskayuna, New York 12309

Full name of fourth joint inventor: Warren Bessler

Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_

Residence: 1528 Division Street Road, #3, Amsterdam, New York 12010

Citizenship: USA

Post Office Address: 1528 Division Street Road, #3, Amsterdam, New York 12010

Full name of fifth joint inventor: Ronald Bunker

Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_

Residence: 1372 Clifton Park Road, Niskayuna, New York 12309

Citizenship: USA

Post Office Address: 1372 Clifton Park Road, Niskayuna, New York 12309

Full name of sixth joint inventor: Charles Byrd

Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_

Residence: 730 Bair Island Road, #302, Redwood City, California 94063

Citizenship: USA

Post Office Address: 730 Bair Island Road, #302, Redwood City, California 94063

Full name of seventh joint inventor: William Gerstler

Inventor's signature: William D. Gerstler Date: 01/04/03

Residence: 833 Red Oak Drive, Niskayuna, New York 12309

Citizenship: USA

Post Office Address: 833 Red Oak Drive, Niskayuna, New York 12309

Full name of eighth joint inventor: Nirm Nirmalan

Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_

Residence: 120 Denise Drive, Niskayuna, New York 12309

Citizenship: USA

Post Office Address: 120 Denise Drive, Niskayuna, New York 12309

Full name of ninth joint inventor: Daniel Smith

Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_

Residence: 485 Sweetman Road, Ballston Spa, New York 12020

Citizenship: USA

Post Office Address: 485 Sweetman Road, Ballston Spa, New York 12020

Full name of tenth joint inventor: Todd Wetzel

Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_

Residence: 9 Riverdale Road, Niskayuna, New York 12309

Citizenship: USA

Post Office Address: 9 Riverdale Road, Niskayuna, New York 12309



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Full name of seventh joint inventor: William Gerstler

Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_

Residence: 833 Red Oak Drive, Niskayuna, New York 12309

Citizenship: USA

Post Office Address: 833 Red Oak Drive, Niskayuna, New York 12309

Full name of eighth joint inventor: Nirm Nirmalan

Inventor's signature: Nirm Velayuth Nirmalan Date: Jan 2, 2003

Residence: 120 Denise Drive, Niskayuna, New York 12309

Citizenship: USA

Post Office Address: 120 Denise Drive, Niskayuna, New York 12309

Full name of ninth joint inventor: Daniel Smith

Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_

Residence: 485 Sweetman Road, Ballston Spa, New York 12020

Citizenship: USA

Post Office Address: 485 Sweetman Road, Ballston Spa, New York 12020

Full name of tenth joint inventor: Todd Wetzel

Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_

Residence: 9 Riverdale Road, Niskayuna, New York 12309

Citizenship: USA

Post Office Address: 9 Riverdale Road, Niskayuna, New York 12309





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COUNTRY	APPLICATION NUMBER	DATE OF FILING (day, month, year)	PRIORITY CLAIMED	CERTIFIED COPY ATTACHED
				<input type="checkbox"/> Yes <input type="checkbox"/> No
				<input type="checkbox"/> Yes <input type="checkbox"/> No
				<input type="checkbox"/> Yes <input type="checkbox"/> No

I hereby claim the benefit under 35 U.S.C. §120 of any United States application(s), or 365(c) of any PCT International application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of 35 U.S.C. §112, I acknowledge the duty to disclose material information as defined in 37 CFR §1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

U.S. PARENT APPLICATION OR PCT PARENT NUMBER	PARENT FILING DATE (day, month, year)	STATUS (patent and number, pending, abandoned)

I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below.

APPLICATION NUMBER(S)	FILING DATE (day, month, year)

As a named inventor, I hereby appoint Practitioners at Customer Number 23413; Christian G. Cabou (Reg. No. 35,467, Jill M. Breedlove (Reg. No. 32,684), Donald S. Ingraham (Reg. No. 33,714), Noreen C. Johnson (Reg. No. 38,929), Patrick K. Patnode (Reg. No. 40,121) and Ann Agosti (37,372), all of General Electric Company, One Research Circle, Bldg. K-1, Niskayuna, NY 12309; Ronald E. Myrick (Reg. No. 26,315), Henry J. Policinski, (Reg. No. 26, 621); Scott R. Hayden, (Reg. No. 41,821) and Catherine Winter, (Reg. No. 38,364) all of General Electric Company, 3135 Easton Turnpike, Fairfield, CT 06431-0001, jointly, and each of them severally, my/our attorney(s) or agents(s), with full power of substitution, delegation and revocation, to prosecute this application, to make alterations and amendments therein, to receive the patent and to transact all business in the Patent and Trademark Office connected therewith.

I hereby direct that all correspondence and telephone calls in connection with this application be addressed to Customer No. 23413, Cantor Colburn LLP, 55 Griffin Road South, Bloomfield, CT 06002, Telephone No. (860) 286-2929.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further, statements were made with the knowledge that willfully false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. §1001 and that all such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first joint inventor: Michael Bowman

Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_

Residence: 1073 Mohawk Road, Niskayuna, New York 12309

Citizenship: USA

Post Office Address: 1073 Mohawk Road, Niskayuna, New York 12309

Full name of second joint inventor: Mehmet Arik

Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_

Residence: 1365 Van Antwerp Road, Apt. A-6, Niskayuna, New York 12309

Citizenship: USA

Post Office Address: 1365 Van Antwerp Road, Apt. A-6, Niskayuna, New York 12309

Full name of third joint inventor: Chellappa Balan

Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_

Residence: 1012 Northwood Court, Niskayuna, New York 12309

Citizenship: USA

Post Office Address: 1012 Northwood Court, Niskayuna, New York 12309

Full name of fourth joint inventor: Warren Bessler

Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_

Residence: 1528 Division Street Road, #3, Amsterdam, New York 12010

Citizenship: USA

Post Office Address: 1528 Division Street Road, #3, Amsterdam, New York 12010

Full name of fifth joint inventor: Ronald Bunker

Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_

Residence: 1372 Clifton Park Road, Niskayuna, New York 12309

Citizenship: USA

Post Office Address: 1372 Clifton Park Road, Niskayuna, New York 12309

Full name of sixth joint inventor: Charles Byrd

Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_

Residence: 730 Bair Island Road, #302, Redwood City, California 94063

Citizenship: USA

Post Office Address: 730 Bair Island Road, #302, Redwood City, California 94063

Full name of seventh joint inventor: William Gerstler

Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_

Residence: 833 Red Oak Drive, Niskayuna, New York 12309

Citizenship: USA

Post Office Address: 833 Red Oak Drive, Niskayuna, New York 12309

Full name of eighth joint inventor: Nirm Nirmalan

Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_

Residence: 120 Denise Drive, Niskayuna, New York 12309

Citizenship: USA

Post Office Address: 120 Denise Drive, Niskayuna, New York 12309

Full name of ninth joint inventor: Daniel Smith

Inventor's signature:  \_\_\_\_\_ Date: 27 Jan 03

Residence: 485 Sweetman Road, Ballston Spa, New York 12020

Citizenship: USA

Post Office Address: 485 Sweetman Road, Ballston Spa, New York 12020

Full name of tenth joint inventor: Todd Wetzel

Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_

Residence: 9 Riverdale Road, Niskayuna, New York 12309

Citizenship: USA

Post Office Address: 9 Riverdale Road, Niskayuna, New York 12309



**COMBINED DECLARATION AND POWER OF ATTORNEY  
FOR PATENT APPLICATION**

As a below-named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if several names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**METHOD, SYSTEM AND APPARATUS FOR COOLING HIGH POWER DENSITY DEVICES**

- ☐ the specification of which is attached hereto OR  
☒ was filed on December 6, 2002 as Application Serial No. 10/065,985  
☐ or PCT International Application Number \_\_\_\_\_ and was amended on \_\_\_\_\_  
(if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with 37 CFR §1.56.

I hereby claim foreign priority benefits under 35 U.S.C. §119 (a)-(d) or (f) or 365(b) of any foreign application(s) for patent or inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below, and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed:

COUNTRY	APPLICATION NUMBER	DATE OF FILING (day, month, year)	PRIORITY CLAIMED	CERTIFIED COPY ATTACHED	
				Yes	No
				Yes	No
				Yes	No

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U.S. PARENT APPLICATION OR PCT PARENT NUMBER	PARENT FILING DATE (day, month, year)	STATUS (patent and number, pending, abandoned)

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APPLICATION NUMBER(S)	FILING DATE (day, month, year)

As a named inventor, I hereby appoint Practitioners at Customer Number 23413; Christian G. Cabou (Reg. No. 35,467, Jill M. Breedlove (Reg. No. 32,684), Donald S. Ingraham (Reg. No. 33,714), Noreen C. Johnson (Reg. No. 38,929), Patrick K. Patnode (Reg. No. 40,121) and Ann Agosti (37,372), all of General Electric Company, One Research Circle, Bldg. K-1, Niskayuna, NY 12309; Ronald E. Myrick (Reg. No. 26,315), Henry J. Policinski, (Reg. No. 26, 621); Scott R. Hayden, (Reg. No. 41,821) and Catherine Winter, (Reg. No. 38,364) all of General Electric Company, 3135 Easton Turnpike, Fairfield, CT 06431-0001, jointly, and each of them severally, my/our attorney(s) or agents(s), with full power of substitution, delegation and revocation, to prosecute this application, to make alterations and amendments therein, to receive the patent and to transact all business in the Patent and Trademark Office connected therewith.

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Full name of sole or first joint inventor: Michael Bowman

Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_

Residence: 1073 Mohawk Road, Niskayuna, New York 12309

Citizenship: USA

Post Office Address: 1073 Mohawk Road, Niskayuna, New York 12309

Full name of second joint inventor: Mehmet Arik

Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_

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Citizenship: USA

Post Office Address: 1365 Van Antwerp Road, Apt. A-6, Niskayuna, New York 12309

Full name of third joint inventor: Chellappa Balan

Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_

Residence: 1012 Northwood Court, Niskayuna, New York 12309

Citizenship: USA

Post Office Address: 1012 Northwood Court, Niskayuna, New York 12309

Full name of fourth joint inventor: Warren Bessler

Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_

Residence: 1528 Division Street Road, #3, Amsterdam, New York 12010

Citizenship: USA

Post Office Address: 1528 Division Street Road, #3, Amsterdam, New York 12010

Full name of fifth joint inventor: Ronald Bunker

Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_

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Citizenship: USA

Post Office Address: 1372 Clifton Park Road, Niskayuna, New York 12309

Full name of sixth joint inventor: Charles Byrd

Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_

Residence: 730 Bair Island Road, #302, Redwood City, California 94063

Citizenship: USA

Post Office Address: 730 Bair Island Road, #302, Redwood City, California 94063

Full name of seventh joint inventor: William Gerstler

Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_

Residence: 833 Red Oak Drive, Niskayuna, New York 12309

Citizenship: USA

Post Office Address: 833 Red Oak Drive, Niskayuna, New York 12309

Full name of eighth joint inventor: Nirm Nirmalan

Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_

Residence: 120 Denise Drive, Niskayuna, New York 12309

Citizenship: USA

Post Office Address: 120 Denise Drive, Niskayuna, New York 12309

Full name of ninth joint inventor: Daniel Smith

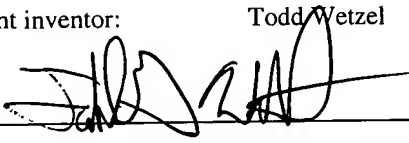
Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_

Residence: 485 Sweetman Road, Ballston Spa, New York 12020

Citizenship: USA

Post Office Address: 485 Sweetman Road, Ballston Spa, New York 12020

Full name of tenth joint inventor: Todd Wetzel

Inventor's signature:  \_\_\_\_\_ Date: 1/2/2003

Residence: 9 Riverdale Road, Niskayuna, New York 12309

Citizenship: USA

Post Office Address: 9 Riverdale Road, Niskayuna, New York 12309